

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

633.017

Dart Aerospace Ltd.

Date: Monday, 10/11/2008 10:43:25 AM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : STEP WELDMENT
Job Number : 43269A	
Estimate Number : 10176	
P.O. Number :	Part Number : D2563
This Issue : 10/11/2008 S.O. No. :	Drawing Number : D2563 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : LARGE FAB ASSY	Drawing Revision : C
Previous Run : 42023A	Material :
Written By :	Due Date : 28/11/2008 Qty: 4 Um: Each
Checked & Approved By : <u>JLD 08.11.10</u>	
Comment : Est Rev:G 02.07.31 Re-format Location RF	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D2244116	Step Extrusion
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

1 D2244 Step Extrusion

Batch: B 33333

SAJ 09-02-25 (4)

2.0	D267334	End Plate
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part No. Description

2 D2673-34 End Cap

Batch

B35227

JH 09-02-26 4

3.0	D2561	Lug
-----	-------	-----



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part No. Description

2 D2561 Lug Plate

Batch

340935

JH 09-02-26 4

4.0	D2564	Mounting Angle
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part No. Description

2 D2564 Mounting Angle

Batch

340936

JH 09-02-26 4

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Date: Monday, 10/11/2008 10:43:25 AM
User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP WELDMENT

Job Number: 43269A

Part Number: D2563

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2244 to 89.70" at 34 deg as per dwg D2563

2-Deburr ends

3-Weld (1 END CAP, LUG PLATES & MOUNTING ANGLE) as per dwg D2563 using DT 8343

A/R AL ROD Batch: M102037
M110431

4- Grind

SAD 09-02-25 (4)

PH 09-02-26 4

PH 09-02-27 4

6.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

SE 09-02-27 4

7.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 09/02/07 (4)

8.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

SAD 09-02-27 (4)

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

PH 09-03-02 4

10.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Inspect for foreign object per QSI 024

2-Weld Remainig End as per Dwg D2563 using DT 8343

A/R AL ROD Batch: M102037

3-Grind

PH 09-03-02 4

PH 09-03-02 4

SAD 09-03-02 (4)

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: , Monday, 10/11/2008 10:43:25 AM
User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP WELDMENT

Job Number: 43269A

Part Number: D2563

Job Number:



Seq. #: Machine Or Operation: Description :

11.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

PD 09-03-03

12.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S09/03/03 (x4)

~~PD 09-03-03~~

13.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Touch up Alodine then

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

START TIME:

11:05

OVEN TEMPERATURE:

320°

FINISH TIME:

11:35

→ MD / FL

09/03/03
(x4)

FL 02/03/03 (4)

14.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Wing Walk as per Dwg D2563 and QSI 005 4.4

M110454

PD 09-03-04 (x4)

15.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

M-L 04/03/04 (4X)

16.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

PD 09/03/06

Job Completion

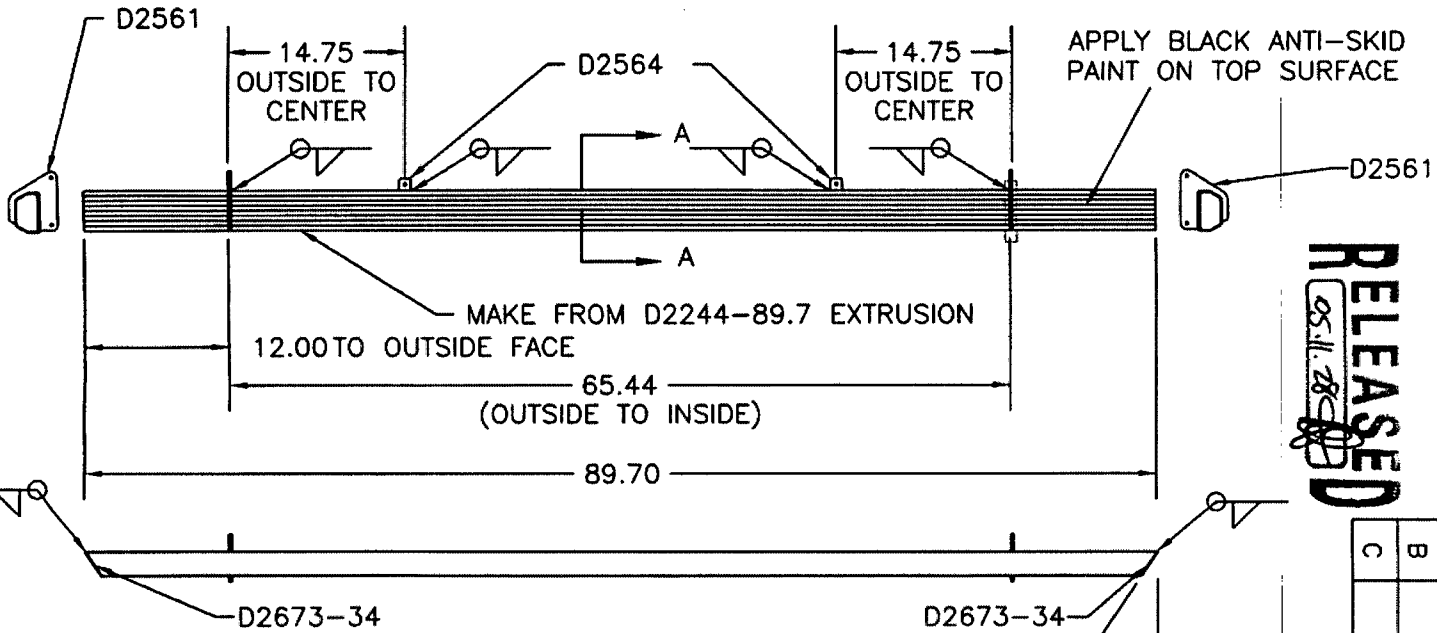


MF
09-03-05



RELEASED
05.11.28

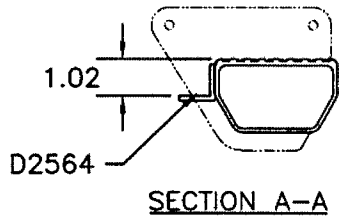
DESIGN	BW	DRAWN BY	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED		APPROVED		DRAWING NO.	D2563
DATE	05.11.14	TITLE	STEP WELDMENT ASSEMBLY		
A	96.04.26	NEW ISSUE	SCALE	1:15	
B	97.05.14	END CAPS CHANGED (WAS D2248)			
C	05.11.14	UPDATE NOTES			



D2563 STEP WELDMENT ASSEMBLY PARTS LIST

Part No.	Description	QTY
D2563	STEP WELDMENT ASSEMBLY	X
D2244-89.7	EXTRUSION*	1
D2561	LUG PLATE	2
D2564	MOUNTING ANGLE	2

*cut per drawing



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WITHOUT NOTICE
WORK ORDER
NO 4326017

D2563 STEP WELDMENT ASSEMBLY NOTES

- 1) MAKE FROM EXTRUSION D2244
- 2) WELD PER DART QSI 004
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3
MASK OFF 0.50 ON EACH SIDE OF D2561 LUGS BEFORE
APPLYING BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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